



Designation: D2026/D2026M – 97(Reapproved 2010)^{e1}

Standard Specification for Cutback Asphalt (Slow-Curing Type)¹

This standard is issued under the fixed designation D2026/D2026M; the number immediately following the designation indicates the year of original adoption or, in the case of revision, the year of last revision. A number in parentheses indicates the year of last reapproval. A superscript epsilon (ϵ) indicates an editorial change since the last revision or reapproval.

This standard has been approved for use by agencies of the Department of Defense.

^{e1} NOTE—Editorially corrected units of measure in July 2010.

1. Scope

1.1 This specification covers cutback petroleum asphalts of the slow-curing type for use in the construction and treatment of pavements.

1.2 *Units*—The values stated in either SI units or inch-pound units are to be regarded separately as standard. The values stated in each system may not be exact equivalents; therefore, each system shall be used independently of the other. Combining values from the two systems may result in non-conformance with the standard.

2. Referenced Documents

2.1 ASTM Standards:²

- D92 Test Method for Flash and Fire Points by Cleveland Open Cup Tester
- D95 Test Method for Water in Petroleum Products and Bituminous Materials by Distillation
- D113 Test Method for Ductility of Bituminous Materials

¹ This specification is under the jurisdiction of ASTM Committee D04 on Road and Paving Materials and is the direct responsibility of Subcommittee D04.40 on Asphalt Specifications.

Current edition approved Jan. 1, 2010. Published February 2010. Originally approved in 1963. Last previous edition approved in 2004 as D2026 – 97 (2004). DOI: 10.1520/D2026-97R10E01.

² For referenced ASTM standards, visit the ASTM website, www.astm.org, or contact ASTM Customer Service at service@astm.org. For *Annual Book of ASTM Standards* volume information, refer to the standard's Document Summary page on the ASTM website.

- D140 Practice for Sampling Bituminous Materials
- D243 Test Method for Residue of Specified Penetration
- D402 Test Method for Distillation of Cutback Asphaltic (Bituminous) Products
- D2042 Test Method for Solubility of Asphalt Materials in Trichloroethylene
- D2170 Test Method for Kinematic Viscosity of Asphalts (Bitumens)

3. Properties

3.1 The cutback asphalt shall not foam when heated to application temperature and shall conform to the requirements prescribed in Table 1.

4. Test Methods

4.1 The material shall be sampled in accordance with Practice D140, and the properties enumerated in this specification shall be determined in accordance with the following ASTM test methods:

- 4.1.1 *Flash Point (Cleveland Open Cup)*—Test Method D92.
- 4.1.2 *Viscosity, Kinematic*—Test Method D2170.
- 4.1.3 *Distillation*—Test Method D402.

NOTE 1—If a 100-mL graduate does not permit sufficiently close readings to determine conformity to this specification with the desired accuracy, receivers graduated in 0.1-mL divisions shall be used.

- 4.1.4 *Asphalt Residue*—Test Method D243.
- 4.1.5 *Ductility*—Test Method D113.